

17698 U.S. PTO
120203

Attorney Docket No.: 901.0116.U1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

17497 U.S. PTO
10/727187

120203

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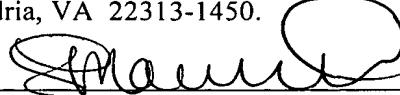
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lynn Maroldi

(Name of person mailing paper)


(Signature)

Commissioner For Patents
Mail Stop: NEW PATENT APPLICATION
P.O. Box 1450
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL FORM

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Michael D. Jack and Eli E. Gordon**

For (title): **Improved Passive Millimeter Wave Sensor Using High Temperature Superconducting Leads**

Enclosed are the following:

- Application Cover Page
- 20 pages of Specification that consists of, 15 pages of Description, 4 pages of Claims and 1 page of Abstract;
- 3 sheet of drawings;
- Inventor(s) Declaration;
- Preliminary Amendment;
- Priority is hereby claimed from:
 - Patent Application Number 60/430,599 filed on December 2, 2002;
 - Patent Application Number filed on ;
 - Patent Application Number filed on ;
- Certified Copy of priority document(s);
- English language translation of priority document;
- Application Data Sheet;
- Information Disclosure Statement and/or Form PTO 1449 and cited non-U.S. art (if applicable);
- Assignment and Recordation Form Cover Sheet;
- Return Receipt Postcard;
- Other:

Assignment Data

- An assignment of the invention to Raytheon Company
 is attached.
 will follow.

Small Entity Status

- Applicant claims small entity status.

Fees

Design Patent Application \$ 340.00

Utility Patent Application
Number
Filed Number
Extra Rate
\$ 770.00

Total
Claims **16 -20 =** 0 x \$ 18.00 \$

Independent
Claims **4 - 3 =** 1 x \$ 86.00 \$ 86.00

Assignment Recordal 1 x \$ 40.00 \$ 40.00

TOTAL FEES **\$ 896.00**

- A check in the amount of **\$896.00** in payment of the filing fee is enclosed.
 Charge \$ _____ to Deposit Account No.
 The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required for this communication or during the entire pendency of this patent application, or credit any overpayment, to Deposit Account No.**50-1924**.

Correspondence

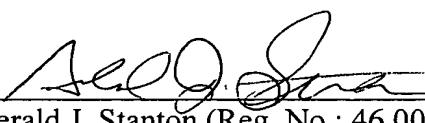
Address all future communications to:

Raytheon Office of General Counsel
William C. Schubert
Building B/1, MS 52
Goleta, CA 93117

Direct telephone calls to William C. Schubert at (805) 562-2108
Direct facsimiles to (805) 562-4120

December 2, 2003

Date


Gerald J. Stanton (Reg. No.: 46,008)

Customer No.: 29,683

Harrington & Smith, LLP
4 Research Drive
Shelton, CT 06484-6212
(203) 925-9400